

Exhibit 28

Materials Test Report

Test run on Shaft Technology Group's Instron Universal Tester Model 4502

Data acquired and analyzed using LabView2 for Macintosh. Vers. 1.1

Operator: TAS of the Shaft Technology group Test Date: Thursday, April 28, 1994

Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stablized?
If Neckd I Expnd Original ID/OD
Stabliz Temp/Time/Cath Name

PEEK Air Cool/Unk/Unk/10-554-1
None/None/No
RT/0/0
No/NA
No/No
NA/NA
NA/NA/0.014Platform

Test Method: Plastics Compression

Data File: 10-554-1 RT Comp

CrossHead Speed: 0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

| # | (psi) | (in/in) | (in*lbs) | (lbs/in) | (psi) | (sq. in) |
|-----|---------|----------|----------|----------|--------|----------|
| 1 | 0.00E0 | 0.00E0 | 0.00E0 | 1.17E3 | 2.85E5 | 1.97E-4 |
| 2 | 0.00E0 | 0.00E0 | 0.00E0 | 1.00E3 | 2.29E5 | 2.03E-4 |
| 3 | 0.00E0 | 0.00E0 | 0.00E0 | 9.13E2 | 2.34E5 | 2.20E-4 |
| 4 | -5.52E3 | -4.25E-2 | 1.96E-3 | 7.79E2 | 1.58E5 | 2.61E-4 |
| 5 | -7.81E3 | -5.10E-2 | 3.25E-3 | 8.51E2 | 1.80E5 | 2.55E-4 |
| 6 | 0.00E0 | 0.00E0 | 0.00E0 | 1.64E3 | 3.07E5 | 2.67E-4 |
| Ave | -2.22E3 | -1.56E-2 | 8.67E-4 | 1.06E3 | 2.32E5 | 2.34E-4 |
| SD | 3.52E3 | 2.43E-2 | 1.40E-3 | 3.15E2 | 5.77E4 | 3.11E-5 |

Excluded Specimens:

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Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stabilized?
If Neckd I Expnd Original ID/OD
Stabliz Temp/Time/Cath Name

Peek 70C Water Cool/Unk/Unk/10-553-1
None/None/No
RT/0/0
No/NA
No/No
NA/NA
NA/NA/NA

Test Method: Plastics Compression

Data File: 10-553-1 RT Comp

CrossHead Speed: 0.005 in/min

| Stress at offset yield 1 | Strain at offset yield 1 | Energy to offset yield 1 | Slope | Elastic Modulus | Cross-Sectional Area |
|--------------------------|--------------------------|--------------------------|-------|-----------------|----------------------|
|--------------------------|--------------------------|--------------------------|-------|-----------------|----------------------|

| # | (psi) | (in/in) | (in*lbs) | (lbs/in) | (psi) | (sq. in) |
|-----|---------|----------|----------|----------|--------|----------|
| 1 | -3.56E3 | -3.79E-2 | 1.37E-3 | 7.10E2 | 1.17E5 | 3.24E-4 |
| 2 | -3.41E3 | -2.91E-2 | 1.05E-3 | 1.09E3 | 1.58E5 | 3.24E-4 |
| 3 | -5.85E3 | -5.03E-2 | 2.31E-3 | 7.81E2 | 1.37E5 | 2.83E-4 |
| 4 | -4.79E3 | -5.66E-2 | 2.15E-3 | 6.00E2 | 9.76E4 | 2.83E-4 |
| 5 | 0.00E0 | 0.00E0 | 0.00E0 | 1.26E3 | 1.96E5 | 3.06E-4 |
| 6 | 0.00E0 | 0.00E0 | 0.00E0 | 1.02E3 | 1.75E5 | 2.94E-4 |
| 7 | 0.00E0 | 0.00E0 | 0.00E0 | 9.16E2 | 1.47E5 | 2.94E-4 |
| Ave | -2.14E3 | -1.96E-2 | 7.87E-4 | 9.65E2 | 1.55E5 | 3.04E-4 |
| SD | 2.50E3 | 2.25E-2 | 9.57E-4 | 2.05E2 | 2.81E4 | 1.70E-5 |

Excluded Specimens: 4

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Material/Lot #/Part #/Ext #
Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stablized?
If Neckd I Expnd Original ID/OD
Stabliz Temp/Time/Cath Name

PPEK 8C Water Cool/Unk/Unk/10-52-1
None/None/No
RT/0/0
No/NA
No/No
NA/NA
NA/NA/0.014 platform

Test Method: Plastics Compression

CrossHead Speed: 0.005 in/min

Data File: 10-552-1 RT Comp

| | Stress at offset yield 1 | Strain at offset yield 1 | Energy to offset yield 1 | Slope | Elastic Modulus | Cross-Sectional Area |
|--|--------------------------|--------------------------|--------------------------|-------|-----------------|----------------------|
|--|--------------------------|--------------------------|--------------------------|-------|-----------------|----------------------|

| # | (psi) | (in/in) | (in*lbs) | (lbs/in) | (psi) | (sq. in) |
|-----|---------|----------|----------|----------|--------|----------|
| 1 | -7.76E3 | -6.35E-2 | 3.05E-3 | 6.06E2 | 1.38E5 | 2.21E-4 |
| 2 | -8.95E3 | -5.32E-2 | 2.96E-3 | 8.33E2 | 1.96E5 | 2.16E-4 |
| 3 | -7.61E3 | -6.58E-2 | 3.91E-3 | 5.00E2 | 1.30E5 | 2.33E-4 |
| 4 | -6.11E3 | -7.48E-2 | 2.89E-3 | 4.26E2 | 9.07E4 | 2.33E-4 |
| 5 | -7.94E3 | -4.85E-2 | 2.33E-3 | 9.59E2 | 1.94E5 | 2.33E-4 |
| 6 | -5.54E3 | -4.76E-2 | 2.28E-3 | 6.10E2 | 1.38E5 | 2.50E-4 |
| Ave | -7.56E3 | -5.57E-2 | 2.90E-3 | 7.02E2 | 1.59E5 | 2.30E-4 |
| SD | 1.25E3 | 8.48E-3 | 6.63E-4 | 1.88E2 | 3.26E4 | 1.32E-5 |

Excluded Specimens: 4

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Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stablized?
If Neckd I Expnd Original ID/OD
Stabilz Temp/Time/Cath Name

PPS/Unk/Unk/10-555-1
None/None/No
RT/0/0
No/NA
No/No
NA/NA
NA/NA/0.014 Platform

Test Method: Plastics Compression

Data File: 10-555-1 RT Comp

CrossHead Speed: 0.005 in/min

Stress at
offset
yield 1

Strain at
offset
yield 1

Energy to
offset
yield 1

Slope

Elastic
Modulus

Cross-
Sectional
Area

| # | (psi) | (in/in) | (in*lbs) | (lbs/in) | (psi) | (sq. in) |
|-----|---------|----------|----------|----------|--------|----------|
| 1 | -8.03E3 | -4.11E-2 | 1.86E-3 | 9.47E2 | 2.39E5 | 1.98E-4 |
| 2 | -6.08E3 | -6.15E-2 | 1.94E-3 | 4.34E2 | 1.13E5 | 1.90E-4 |
| 3 | -8.31E3 | -8.64E-2 | 4.04E-3 | 4.18E2 | 1.05E5 | 1.98E-4 |
| 4 | -9.31E3 | -4.31E-2 | 2.16E-3 | 1.06E3 | 2.62E5 | 1.94E-4 |
| 5 | -7.54E3 | -7.91E-2 | 3.14E-3 | 4.18E2 | 1.05E5 | 1.98E-4 |
| 6 | -6.19E3 | -4.55E-2 | 1.55E-3 | 6.64E2 | 1.63E5 | 1.98E-4 |
| 7 | -4.89E3 | -4.92E-2 | 1.35E-3 | 4.64E2 | 1.17E5 | 1.98E-4 |
| 8 | -8.76E3 | -6.08E-2 | 2.79E-3 | 6.61E2 | 1.64E5 | 1.94E-4 |
| Ave | -7.39E3 | -5.83E-2 | 2.35E-3 | 6.33E2 | 1.59E5 | 1.96E-4 |
| SD | 1.52E3 | 1.70E-2 | 9.06E-4 | 2.51E2 | 6.18E4 | 2.84E-6 |

Excluded Specimens:

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Filler/Additive/Ext Mandrel?
Test Temp/MegRads/KeV
Necked?/Necking Method
Expanded?/Heat Stablized?
If Neckd I Expnd Original ID/OD
Stabliz Temp/Time/Cath Name

PPS/Unk/Unk/10-556-1
None/None/No
RT/0/0
No/NA
No/No
NA/NA
NA/NA/0.014 Platform

Test Method: Plastics Compression

Data File: 10-556-1 RT Comp

CrossHead Speed: 0.005 in/min

| Stress at offset yield 1 | Strain at offset yield 1 | Energy to offset yield 1 | Slope | Elastic Modulus | Cross-Sectional Area |
|--------------------------|--------------------------|--------------------------|-------|-----------------|----------------------|
|--------------------------|--------------------------|--------------------------|-------|-----------------|----------------------|

| # | (psi) | (in/in) | (in*lbs) | (lbs/in) | (psi) | (sq. in) |
|-----|---------|----------|----------|----------|--------|----------|
| 1 | -4.37E3 | -5.57E-2 | 2.46E-3 | 5.60E2 | 9.07E4 | 3.33E-4 |
| 2 | 0.00E0 | 0.00E0 | 0.00E0 | 8.76E2 | 1.51E5 | 3.03E-4 |
| 3 | 0.00E0 | 0.00E0 | 0.00E0 | 9.75E2 | 1.80E5 | 3.03E-4 |
| 4 | 0.00E0 | 0.00E0 | 0.00E0 | 7.90E2 | 1.39E5 | 2.97E-4 |
| 5 | -4.06E3 | -9.99E-2 | 3.28E-3 | 2.63E2 | 4.40E4 | 3.03E-4 |
| 6 | -5.10E3 | -6.68E-2 | 2.96E-3 | 4.84E2 | 8.60E4 | 2.97E-4 |
| 7 | -2.59E3 | -5.83E-2 | 1.15E-3 | 3.26E2 | 5.09E4 | 2.97E-4 |
| 8 | 0.00E0 | 0.00E0 | 0.00E0 | 1.24E3 | 2.11E5 | 3.03E-4 |
| 9 | 0.00E0 | 0.00E0 | 0.00E0 | 1.28E3 | 2.14E5 | 3.03E-4 |
| 10 | -6.06E3 | -6.48E-2 | 3.35E-3 | 6.24E2 | 1.06E5 | 3.03E-4 |
| Ave | -1.94E3 | -2.34E-2 | 1.10E-3 | 8.54E2 | 1.47E5 | 3.05E-4 |
| SD | 2.72E3 | 3.25E-2 | 1.53E-3 | 2.99E2 | 5.11E4 | 1.17E-5 |

Excluded Specimens: 5,7